

Appl. No. 09/923,730  
Amdt. dated August 9, 2004  
Reply to Office action of May 27, 2004

**Amendments to the Claims:**

This listing of claims will replace all prior version, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended):       A portable communication unit comprising:  
    a printed circuit board on which a radio unit composed of a transmitter and a receiver is mounted,  
    a grounding pattern on the printed circuit board,  
    an internal antenna which is classified into an inverted F shaped antenna or a dielectric antenna,  
    an antenna metal element which is connected with a feeding point of said internal antenna at an output end thereof, and brought into contact with a feeding terminal formed on said printed circuit board at an input end thereof,  
    a front case which is provided with a data-inputting key, an information-displaying means, a speaker, and a microphone, and  
    a rear case which is provided with a space for accommodating said internal antenna, and extending said grounding pattern to an inner surface of the rear case when fitted to said front case to form a casing,  
    wherein said internal antenna is supported between said rear case and said printed circuit board.
2. (currently amended):       A portable communication unit according to claim 1, wherein:  
    said space in said rear ~~cover~~ case for accommodating said internal antenna is a cavity which is fit for said internal antenna.
3. (currently amended):       A portable communication unit according to claim 1, wherein:  
    a conductive painting is applied to a predetermined region of an inner surface of said rear case, and brought into contact with the[[a]] grounding pattern of said printed circuit board.

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4. (original): A portable communication unit according to claim 3, wherein:  
said conductive painting is applied to a region which is opposite said radio unit at least.
5. (currently amended): A portable communication unit according to claim 3, wherein:  
said internal antenna is composed of:  
a radiator which is situated inside said rear case and connected with said metal element,  
a reflecting plane which is situated opposite to said radiator maintaining a predetermined interval therebetween, and  
connecting terminals which connect an[[and]] edge of said reflecting plane with said conductive painting.
6. (currently amended): An internal antenna of a portable communication unit which is accommodated in a casing composed of a front case and a rear case together with a printed circuit board, comprising:  
a radiator situated inside said rear case,  
an antenna metal element which is connected with said radiator at an output end thereof, and brought into contact with a feeding terminal formed on said printed circuit board at an input end thereof,  
a reflecting plane which is situated opposited to said radiator maintaining a predetermined interval therebetween,  
a conductive painting which is applied to an inner surface of said rear case and brought into contact with a grounding pattern of said printed circuit board, and  
connecting terminals which connect an edge of said ~~referencing~~ reflecting plane with said conductive painting via contacting means.